

**GOVERNMENT OF INDIA
SCIENCE AND TECHNOLOGY
LOK SABHA**

UNSTARRED QUESTION NO:1450
ANSWERED ON:29.07.2015
Recycling Plastic Waste
Reddy Shri Konda Vishweshwar

Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

- (a) the present status of the project, developed by the Indian Institute of Petroleum (IIP), Dehradun and sponsored by the Gas Authority of India Ltd. (GAIL), that aims at converting of plastic waste into petroleum products;
- (b) whether there is a project in place to collect and recycle municipal plastic waste for the above purpose; and
- (c) if so, the details thereof ?

Answer

MINISTER OF STATE FOR SCIENCE AND TECHNOLOGY AND EARTH SCIENCES

(SHRI Y.S. CHOWDARY)

(a) A facile technology for converting plastic waste to petroleum products has already been developed jointly by CSIR-Indian Institute of Petroleum (CSIR-IIP), Dehradun and Gas Authority of India Ltd. (GAIL) at the laboratory scale and revalidated at the bench scale. Based on this technology, setting up of 1 Tonne per day unit to convert plastic collected from the municipal solid waste is under advance stage of implementation. CSIR-IIP has received more than 50 inquiries from prospective clients regarding the technology. Further, Indian Railways has shown interest in converting their in-house generated waste plastic to diesel to run their locomotives. CSIR-IIP is under discussion with Indian Railways to implement three projects on conversion of plastic waste to petroleum products;

(b)&(c) As mentioned above, the project is under advance stage of implementation.
